

Application No. 10/611,591  
Response to Office Action of February 9, 2007

Att. Docket No. 042390.P17062  
TC/A.U. 2157

### **Amendments to the Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-14 (Cancelled)

15. (Original) A network comprising:

a router having a router interface associated with a subnet;

a DHCP server having a DHCP interface associated with the subnet; and

a node coupled with the router and the DHCP server and having a processor and logic executable thereon to

reference an electronic file to determine whether a DHCP server interface and a router interface are on the same subnet; and

determine configuration information for the DHCP server interface based, at least in part, on information in the electronic file; and

determine configuration information for the router interface based, at least in part, on information in the electronic file.

16. (Original) The network of claim 15, wherein the referenced electronic file comprises a list of network components having a standardized syntax.

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17. (Original) The network of claim 16, wherein the electronic list of network components includes addressing scheme information to identify an addressing scheme for the listed network components.

18. (Original) The network of claim 15, wherein the node coupled with the router and the DHCP server and having a processor and logic executable thereon to automatically determine configuration information for the DHCP server interface based, at least in part, on information in the electronic file comprises logic executable to  
determine an IP address of the DHCP server interface; and  
determine a gateway IP address for the subnet.

19. (Original) The network of claim 15, wherein the node coupled with the router and the DHCP server and having a processor and logic executable thereon comprises logic executable thereon further to  
programmatically configure the router with the determined configuration information; and to  
programmatically configure the DHCP server with the determined configuration information.

20. (Original) The network of claim 15, wherein the node is the DHCP server.

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Claims 21-26 (Cancelled)

27. (Original) A network comprising:

a router having a router interface associated with a subnet;

a Bootstrap Protocol (BOOTP) compliant server having an interface associated with the subnet; and

a node coupled with the router and the BOOTP compliant server and having a processor and logic executable thereon to

reference an electronic file to determine whether a BOOTP compliant server interface and a router interface are on the same subnet; and  
automatically determine configuration information for the BOOTP compliant server interface based, at least in part, on information in the referenced data structure; and

automatically determine configuration information for the router interface based, at least in part, on information in the referenced data structure.

28. (Original) The network of claim 27, wherein the referenced electronic file comprises a list of network components having a standardized syntax.

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29. (Original) The network of claim 27, wherein the node coupled with the router and the BOOTP compliant server and having a processor and logic executable thereon comprises logic executable thereon further to

programmatically configure the router with the determined configuration information; and to

programmatically configure the BOOTP compliant server with the determined configuration information.